

# Den Braven Sealants bv

P.O. Box 194, 4900 AD Oosterhout, Denariusstraat 11, 4903 RC Oosterhout, The Netherlands  
Telephone +31 (0) 162-491000, Fax General +31 (0) 162-451217, E-Mail: [Info@denbraven.nl](mailto:Info@denbraven.nl)



## SAFETY DATA SHEET

### Zwaluw Paint-O-Seal®

Reference : 4.73  
Grade : O17/O19  
Date : 16-11-2004  
Replaces : NA

#### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product name : Zwaluw Paint-O-Seal®  
Use of the product : Sealant for the building industry.  
Supplier : See above.  
Emergency phone number : +31 (0) 413-268716 if no answer +31 (0) 161-451909 (after working hours)

#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization : Polydimethylsiloxane based mixture with fillers, additives and oxim crosslinker.

<u>Hazardous ingredients ≥1% and toxic ingredients &gt;0.1%</u>	<u>CAS Number</u>	<u>Einecs Number</u>	<u>Weight %</u>	<u>Danger Symbol</u>	<u>Risk Phrases</u>
Organofunctional Silane	83817-72-5	280-973-8	1-5	F, Xn	11-22-36/38-43

#### 3. HAZARDS IDENTIFICATION

Potential health effects : Contains 2-butanonoxim. May produce an allergic reaction.

#### 4. FIRST AID MEASURES

Eyes : In case of contact flush eyes immediately with plenty of water for at least 15 minutes.  
Lift eyelids and rinse well underneath them. Get medical attention if irritation persists.  
Mouth (ingestion) : Rinse mouth with water several times. Consult a physician and show this Safety Data Sheet.  
Lungs (inhalation) : Fresh air and rest. Get medical attention if complaint persists.  
Skin : Remove completely with a dry cloth or paper towel, before washing with detergent and water.  
Get medical attention if irritation persists.  
Clothes : Remove polluted clothing.

#### 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : CO<sub>2</sub>, powder, foam and water spray.  
Unsuitable extinguishing media : Unknown.  
Special fire fighting procedures : Wear protective clothing and breathing apparatus.

#### 6. ACCIDENTAL RELEASE MEASURES

Environmental precautions : Keep away from drains and watercourses.  
Clean up procedures : Wipe, scrape or soak up in inert material and put in a container for disposal.  
Personal precautions : Wear proper protective equipment as described in the 'eye and skin protection' section of chapter 8.

#### 7. HANDLING AND STORAGE

Handling : Handle in well-ventilated area. Avoid contact with skin, eyes and do not swallow.  
Storage : Store in closed packing between 5°C and 25°C away from direct sunlight and other sources of heat.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit : Unknown.  
Respiratory protection : Avoid breathing the vapour. Maintain good ventilation.  
Eye and skin protection : Avoid contact with skin and eyes. Wear safety glasses.  
Industrial hygiene : When using do not eat, drink or smoke. Wash hands after work and before breaks.  
Don't rub eyes with dirty hands.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical state</b>	: paste	<b>Flash point</b>	: NA	°C
<b>Colour</b>	: miscellaneous	<b>Lower explosion limit</b>	: NA	vol-%
<b>Odour</b>	: specific	<b>Upper explosion limit</b>	: NA	vol-%
<b>Density (water=1)</b>	: 1,15 g/ml	<b>Ignition temperature</b>	: NA	°C
<b>pH (water=7)</b>	: NA	<b>Vapour pressure</b>	: NA	mbar
<b>Boiling point (water =100)</b>	: NA °C	<b>Mixable with water</b>	: no	
<b>Freezing point (water = 0)</b>	: NA °C	<b>Mixable with organic solvents</b>	: yes	
		<b>VOC-content</b>	: 0	Weight-%

**10. STABILITY AND REACTIVITY**

<b>Hazardous decomposition products</b>	: CO, CO <sub>2</sub> , SiO <sub>2</sub> , NO <sub>x</sub> , CaO and 2-butanonoxime
<b>Materials to avoid</b>	: Unknown
<b>Conditions to avoid</b>	: Unknown

**11. TOXICOLOGICAL INFORMATION**

<u>Product information</u>	<u>Organofunctional Silane</u>	<u>2-butanonoxime</u>
<b>Acute oral LD50 (mg/kg)</b>	: 2250 (rat)	2528 (rat)
<b>Acute dermal LD50 (mg/kg)</b>	: Unknown	>2000 (rat)
<b>Acute inhalation LC50 (mg/l)</b>	: Unknown	ca. 20 (4 hour, rat)

**Other information:** 2-butanonoxime and Methyltris (2-butanonoximino) silane may cause sensitisation by skin contact.

For information on hazardous substances see 'chapter' 2.

**12. ECOLOGICAL INFORMATION**

Avoid uncured product will come in the environment.

<b>Degradability</b>	: Silicone part not biologic degradable.
<b>Ecotoxicity</b>	: MEKO: LC50: (96h, fish): >560 mg/l, EC50: (48h, Daphnia magna): 750 mg/l.
<b>WGK (Germany)</b>	: 1

**13. DISPOSAL CONSIDERATIONS**

Dispose in accordance with federal, state and local legislation.

<b>Waste code uncured (Germany)</b>	: 080402
<b>Waste code cured (Germany)</b>	: 080404

**14. TRANSPORT INFORMATION**

<b>By sea according IMDG-Code</b>	: Not applicable.
<b>By land according ADR</b>	: Not applicable.
<b>By air according ICAO/IATA-DGR</b>	: Not applicable.
<b>UN-number</b>	: Not applicable.
<b>Proper shipping name</b>	: Not applicable.

**15. REGULATORY INFORMATION**

To the labelling requirements of EC Directives 67/548/EC and 1999/45/EC:

<b>Danger symbol</b>	: Not applicable.
<b>Contains</b>	: Contains 2-butanonoxim. May produce an allergic reaction.
<b>R-phrases</b>	: Not applicable.
<b>S-phrases</b>	: Not applicable.
<b>For professional user</b>	: Safety data sheet available for professional user on request.

**16. OTHER INFORMATION**

This product safety data sheet conforms to EC Directive 91/155/EEC as well as its amendments including 2001/58/EC.

This data is offered in good faith as typical values and not as product specifications. No warranty either expressed or implied, is hereby made. The recommended industrial and safe handling procedures are believed to be generally applicable, each user should review the recommendations in the specific context of the intended use and determine whether they are appropriate.

<b>NA</b>	: Not Applicable
<b>Unk</b>	: Unknown